



CAMBRIDGE, MASS.
TUESDAY, APRIL 4, 1950
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VOL. LXX NO. 15

THE OFFICIAL NEWSPAPER
OF THE M.I.T. UNDERGRADUATES

Beginning This Friday Exclusive In THE TECH

"It Happened This Way"

by

Dr. Karl T. Compton

Student-Faculty To Hold Forum On Lab Courses

S. C. Brown, H. L. Hazen
To Represent Faculty
In Lab Controversy

As an outgrowth of intensive study of laboratory courses by the Student-Faculty Committee during the past year, that group is sponsoring an open forum on the question "Can Our Lab Courses Be Improved?" in Huntington Hall this afternoon at 5:00 p.m.

At a forum on the general problem of teaching last year, a major criticism of laboratory courses was voiced by one of the speakers. According to the committee, it has held fruitful discussions between the student and faculty members of the committee and a group of faculty members intimately associated with the administration of laboratory courses.

Forum Speakers

Dr. Julius A. Stratton, Provost of the Institute, will act as moderator at this afternoon's forum while Professors Harold L. Hazen of the Electrical Engineering Department and Sanborn C. Brown of the Physics Department will be the speakers from the faculty. Students will be represented by Peter E. Piccoli '50, of Course VI and Herbert W. Eisenberg '51, Course XV.

At its February dinner meeting, discussion of laboratory courses occupied the entire evening, and certain conclusions reached were incorporated into a letter sent by the Committee to all staff members in charge of laboratory courses.

VETERANS

The final date for requisitioning books and supplies from the "Coop" under the G. I. Bill is Friday, April 14th. All Veterans are urged to anticipate their needs for the balance of the Spring Term, particularly those writing a thesis, and obtain requisition blanks in Room 4-132, before Friday, April 14th.

Independent Candidate John Fitch, Enters Field In Class of '52 Elections

John T. Fitch, Class of 1952, has just announced his candidacy for Class President. He will run without any party or platform as an independent candidate for this office, basing his campaign on a policy of eliminating friction between the living groups. Fitch is married and lives in Westgate.

Originally in the Class of 2-46, Fitch applied for immediate induction into the Navy in 1944 as soon as he became 18. Six years elapsed before he was able to return to Technology.

Upon his return, Fitch rejoined the Dramashop of which he had been a member in 1943. He appeared as the unpleasant brother-in-law, Clarence, in the recent production "Three Men On A Horse." Fitch was elected President of Dramashop and is now engaged in preparation for his lead role in "Rossum's Universal Robots." His other activities have included occasional feature stories for The Tech and five programs a week over WMIT called "Intermezzo."

Atomic Scientists Envision Horrors of World War III

World War III, its implications and prevention, will be the subject of a Lecture Series Committee presentation tomorrow at 5:00 p.m. in Huntington Hall. A movie, speech, and discussion period will comprise the program.

"One World or None," a movie produced by the Atomic Scientists of America, will introduce the problems involved. Cord Meyer, Jr., President of the World Federalists, author of *Peace or Anarchy*, and aide to Commander Stassen at the San Francisco Conference, will speak on a new and astounding approach towards the problem of peace.

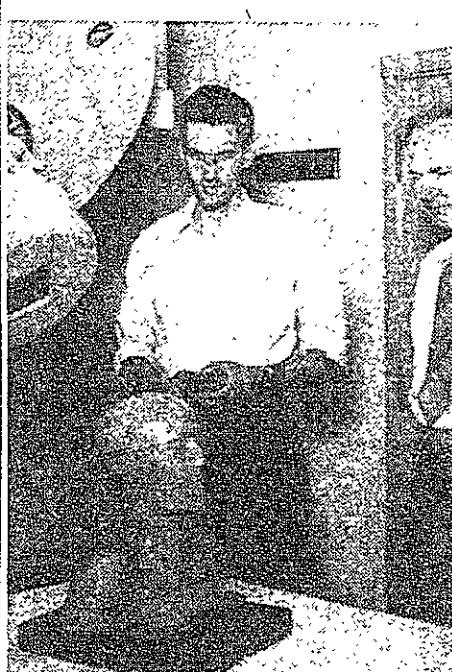
TECH SHOW

Script outlines for Tech Show 1951 are now being considered by the managing board of Tech Show. Ideas may be submitted to Gerard L. Hartstein '51 (KI 7-5300) or John R. Thomas '51 (CI 7-8355). April 24 is deadline for ideas.

Cambridge Firm Now Makes Van De Graaff TypeX-Ray Machines

By JOHN FITCH

"Physicists and electrical engineers who have no desire to share the moral responsibility of atomic research can now find jobs beneficial to mankind open to them in the maintenance and operation of new high voltage X-Ray equipment in the world's hospitals," said Dr. Denis M. Robinson, president of High Voltage Engineering Corporation, in a recent interview at the company's plant near Harvard Square in Cambridge.



Dr. John G. Trump (right) with Mr. Kenneth A. Wright, D.I.C. staff member with a two million volt X-Ray machine for deep cancer therapy. In the foreground is "Mr. Cruikshank," a laminated model used for holding test films.

The plant, a reconverted garage, resembles a scene from H. G. Wells' *Things To Come*. In the workshop, a tremendous pressurized tank was being rolled back from a huge spun-aluminum cylinder by project engineer John L. Danforth, '40, as this reporter was being shown around by Dr. Robinson. This thirty-foot accelerator, over eight feet in diameter, on which final tests were being run, is to be the injector for the three billion volt "Cosmotron" at the Atomic Energy Commission's Brookhaven Labs. Dr. M. Stanley Livingston, Associate Professor of Physics, played a leading part in the development of the "Cosmotron," a proton synchrotron.

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Some of the leading men of the Institute, Professor Charles D. Coryell, Professor Karl W. Deutch, Professor Joseph H. Keenan, Professor Alexander St. Ivanyi, and Professor Jerold R. Zacharias will answer and discuss questions from the audience.

"One World or None," a movie produced shortly after the last war by the men who worked at Oak Ridge. It presents the evolution of weapons, shows pictures of the effects wrought by the atom bombs dropped on Japan, and points out the terrible horror and insanity of war.

Conn. College Invites Tech Show Visit Campus Play "Stranger In Town"

"Stranger in Town," Tech Show 1950's musical comedy success, will be presented at the Connecticut College for Women, New London, on April 21. The trip to New London will mark the first time in recent years that Tech Show has gone "on the road."

Representatives of Connecticut College viewed the March 18 performance of "Stranger in Town" in Cambridge and soon started making arrangements for the April 21 show. A crowd of about 1300 Connecticut College students and Technology alumni in the area is expected to attend the show, which will be presented as part of an entertainment weekend at New London.

Long-playing records of Tech Show will soon be available, according to the managing board.

(Continued on Page 2)

Joseph J. Snyder To Succeed Horace Ford In Post Of Treasurer

Joseph J. Snyder succeeds Horace S. Ford as Treasurer of the Institute next July, President Killian revealed last Friday. Mr. Ford has been principal financial officer for thirty-six years, and treasurer since 1934. He will continue as consultant to Dr. Killian after his retirement.

As a member of the Steering Committee and as Secretary of the Committee on Business Corporations of the Development Program, Mr. Snyder has been prominent in negotiations for the support of education and research here by industrial concerns.

Corporation Member

Mr. Snyder is a partner in the Colonial Management Associates of Boston, and vice president of the Railway and Light Securities Company and the Gas Industries Fund. Besides being a member of the corporation of the Suffolk Savings Bank for Seamen, he has served as Chairman of the Board of Directors of the Michigan Seamless Tube Company.

Technology's new treasurer was born in Findlay, Ohio, in 1907, received his S.B. degree from the Carnegie Institute of Technology, and the degree of master of business administration from Harvard.

Among the organizations to which Mr. Snyder belongs are the American Institute of Chemical Engineers, Harvard Business School Alumni Association, the Detroit Club, the Downtown Club of Boston, and Beta Theta Pi.

Thirty-Six Men Elected Into Honorary Society

Eta Kappa Nu, national Electrical Engineering honorary society, elected new members recently following the smoker held Thursday, March 23. Thirty-six men, including Graduates, Seniors, and Juniors, were chosen to enter the society.

Seniors elected were John H. Anson, Philip R. Bagley, Frank K. Bennett, Lowell S. Bensky, Robert A. Cesari, Paul W. Cooper, Fred I. Diamond, Benjamin M. Eisenstadt,

(Continued on Page 4)

Candidates Bishop, Burns, Wasserman, Present Parties' Political Programs

Bishop Asks Reform With New Life Party

President: Thomas B. Bishop
Inst. Comm.: Russell W. Osborn, Jr.
Sec.-Treas.: Arthur Orenberg

Statement of Purpose To efficiently organize the Class '51 to enable each student to be an integral part of the class.

A. To initiate and maintain a non-partisan student organization.

B. To encourage participation by each and every student in as many phases of class activity as he desires.

C. To conduct class socials in close cooperation with all members of the class so as to insure success both socially and financially.

One of the outstanding purposes of the New Life Party is to create in each and every student in the class a feeling of being an important and integral part of the class. This purpose may be accomplished by initially setting up a truly non-partisan student government throughout all phases and branches of class organization. It is my firm belief that the New Life Party is the one party that is most capable of creating a truly non-partisan class organization for the following reason. As an organization the New Life Party is the most recent to be formed, and self-interests are absent. The party is striving to get ideas and good principles of fair government elected not individuals.

The opinion has been expressed by my opposition that only the

(Continued on Page 2)

Burns Cites Unity As Class of '51 Goal

UNITY in any organization can arise from only one source—the earnest and continuous desire and effort of the members of that organization to work unceasingly toward that goal. In the Class of 1951, the key responsibility for UNITY rests with the class officers and members of the Executive Committee who through their working together in planning and executing the business of the class, bring together the various interests and thus formulate a working policy, that reflects the interests and wishes of the majority of the membership of the Class. Any loss in the UNITY of the Class of 1951 has resulted from the failure of the elected officers of the Class to fulfill their primary function—that of working to the fullest extent with the Executive Committee and Junior Council.

The official attendance record of the Executive Committee and Junior Council as approved by the Executive Committee and the Council indicates the following: During the year the Executive Committee held twelve (12) meetings and the Junior Council held nine (9) meetings.

Elected officers:	Absences Exec. Comm.	Absences Jr. Council
Burns	0	2
Casey	3	1
Marcewicz	0	0
Shenkle	6	5
Wasserman	5	4

Council Member:

Irby	—	6
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(Only elected officers and candidates)

(Continued on Page 2)

Wasserman Urges Equal Participation

The basic principle on which the All-Tech Party was founded is an old concept of organization which has proven true in many other fields besides class government; namely, that the necessary preliminary to united support and participation is equitable, effective representation. The platform of All-Tech follows logically from that fundamental precept, proposing the following measures to provide a greater stake for all of '51 in the planning and execution of class affairs.

I. Revitalization of the administrative organization of the Class.

A. Continuation of the Class Council as a valuable line of communication between the Class officers and the individual members of the Class.

1. Elimination of frequent "Government-for-Government's-Sake" meetings, as well as the "Rubber Stamp" function of having to pass on every action of the Executive Committee.

2. Substitution of fewer and less formal gatherings held when necessary to get a cross-section of class opinion, to exchange information, or to help publicize Class functions.

3. Addition of the function of offering assistance to professional societies in planning and executing informal social gatherings between members of the Faculty and Seniors in order to foster friendly relationships which would be of great value to Seniors.

4. Addition of a Spring Term election of Section Leaders in order to give as many students as possible an opportunity to share in the experience of Student Government and to provide for replacement of Section Leaders who become inactive in the Spring Term (e.g. VI-A men).

B. Retention as Standing Committees only the Social and Publicity Committees, the Field Day Committee serving no major function in the senior year and the Historical Committee having failed to operate effectively in the past.

C. The Standing Committees Chairman to be elected out of the council membership by the council, in order to help make the council a more integral part of the actual

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The Tech

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TUESDAY, APRIL 4, 1950

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CALENDAR OF EVENTS

WEDNESDAY, APRIL 5

Architecture Department. Lecture to be given by Professor Willem de Moor, Visiting Instructor in Architecture. Exhibition Room, 4:00 p.m.
 Building Engineering and Construction Department. Construction Lecture Series: "Factors in Increased Building Costs." Thomas P. Coogan, Thomas P. Coogan Co., Miami, Florida. Room 1-190, 4:00 p.m.

Metallurgy Department. Colloquium: "Research on Metal Cutting." Dr. Milton C. Shaw. Room 2-390, 4:00 p.m.
 Lecture Series Committee. "One World or None." Cord Meyer, Jr., head of World Federalists. Room 10-250, 5:00 p.m.
 Technology Catholic Club. "Federal Aid to Education." Reverend Cornelius Sherlock. Room 6-120, 5:00 p.m.

THURSDAY, APRIL 6

City Planning Department. "Economics of Innovation and Planning." Dr. W. Rupert MacLaurin. Emerson Room, 4:00 p.m.

Co-operative Course in Electrical Engineering. Pre-Interview Meeting for Sophomores at which time the plan of operation of the Co-operative Course will be discussed. All prospective applicants for VI-A are cordially invited to attend. Interested Freshmen are also invited. Room 10-250, 4:00 p.m.

Economics and Social Science Department. "Capitalism and Welfare." Howard R. Bowen, Dean of the College of Commerce, University of Illinois. Room 1-190, 4:00 p.m.

Physics Department. Colloquium: "The Physics of Color Reproduction." Dr. Arthur C. Hardy. Room 6-120, 4:30 p.m.

American Ordnance Association. "Technical Aspects of Watertown Arsenal Projects." Joseph F. Sullivan, Technical Advisor to Director of Laboratory. Room 12-182, 5:00 p.m.

India Association. "What Can the Foreign Students Do in Summer and in What Way Can the Institute Authorities Help Them?" Professor Paul M. Chalmers. A moving picture of India will be shown. Library Lounge, Hayden Memorial Library, 5:15 p.m.

Economics and Social Science Department. Graduate Economics Seminar: "Ethics and Economic Behavior." Dean Howard R. Bowen. Library Lounge, Hayden Memorial Library, 8:00 p.m.

FRIDAY, APRIL 7

Mechanical Engineering Department. Seminar: "The Differential Hydraulic Transmission." J. Lowen Shearer. Room 3-470, 4:00 p.m.

MONDAY, APRIL 10

Technology Dames. Excursion to Christian Science Publishing House. Meet at Massachusetts Avenue Entrance of M.I.T., 2:00 p.m.

Technology Matrons. The Book Club. "Man's Last Best Hope." Dr. May Ellen Goodman, Social Anthropologist. Emma Rogers Room, 2:45 p.m.

Aeronautical Engineering Department. Seminar: "New Problems in Structural Design of Large Aircraft." Professor Raymond L. Bisplinghoff. Room 33-319, 4:00 p.m. Coffee will be served in du Pont Room at 3:30 p.m. For staff and graduate students.

Physics Department. Spectroscopy Laboratory, Research Laboratory of Electronics, and Laboratory for Nuclear Science and Engineering. Fifth of a series of ten lectures by Hans Kopfermann, University of Goettingen. Room 4-231, 4:30 p.m.

TUESDAY, APRIL 11

English and History Department. "Analysis of the British Political Situation." Denis W. Brogan, Professor of Political Science, Cambridge University, England. Room 10-250, 4:00 p.m.

Christian Science Organization. "Direction." Ware Lounge, 5:15 p.m. Lecture Series Committee. Forum: "What is Physical Reality?" Moderator: Dr. George de Santillana. Speakers: Professor Philipp G. Frank, Harvard University; Professor Michael J. Ahearn; and Dr. Dirk J. Struik. Room 10-250, 7:30 p.m.

EXHIBITIONS

A display of exquisite Japanese bird prints by Rakusan Tsuchiya, internationally known Japanese painter, are being shown in the New Gallery of the Hayden Memorial Library from April 5-26.

Photographic salon prints by Axel Bahnsen of Yellow Springs, Ohio, will be on display in Photo Service Gallery, Basement of Building 11, from April 10-30.

CALENDAR OF EVENTS

The Calendar of Events is published weekly on Tuesday in THE TECH and contains announcements for the following week. It is sent without charge to all members of the staff, heads of D.I.C. projects, as well as to the leaders of various organizations. A separate listing of the Calendar of Events will be mailed to others for one dollar a year, payable in advance at Room 7-204.

Announcements, typewritten and signed, must be in the Office of the Editor, Room 7-204, not later than noon on Thursday, prior to publication date. Material for the Calendar, April 12-18, is due April 6.

Prof. Dahl Invents Device to Prolong Life of Ski Boots

By DICK NEITLICH

Professor Norman C. Dahl has put an end to one of the most exasperating problems confronting ski enthusiasts—that of keeping ski boots from warping. His idea, simple and effective, is to clamp the boots onto a plywood base in such a manner as to prevent them from curling after use. The scheme proved practical enough to merit the formation of a company to put the product on the market, and the "Ski-Tree," as Professor Dahl and company call it, is now sold at most sporting goods stores in Boston.

Mr. Dahl did graduate work at the Institute and in 1949 became Assistant Professor of Mechanical Engineering. He is a familiar figure in this department, where he now instructs, specializing in theory of elasticity. In his spare time he works on such ideas as the Ski-Tree which he developed this summer. According to Professor Dahl, his company has produced over 1000 Ski-Trees since they started production in December.

Utilizing principles with which all Course XII students are acquainted, the Ski-Tree is light, compact and easily operated. The ski boots are clamped to either side of the wooden base which is equipped with a leather strap to furnish a means of carriage. Perhaps the outstanding feature of the Ski-Tree is its flexibility. A set of screws enable the user to shorten, enlarge, raise or lower the clamps in accordance with the dimensions of the boot.

High Voltage

(Continued from Page 1)

which will bring the heavier protons up to the same speeds obtained for negative particles in the M.I.T. electron synchrotron.

HVEC Started by Professor Trump
 The story of High Voltage Engineering, a company which deals in nothing less than millions of volts, goes back to a night towards the close of the last war in a small French farmhouse. Associate Professor of Electrical Engineering John G. Trump, then head of the M.I.T. Radiation Labs in Europe, decided to form a company to produce high voltage X-Ray equipment for the treatment of cancer.

Trump, who had painstakingly developed this two million volt machine, was not satisfied that his development worked but wanted people to be able to use it.

Dr. Trump, Chairman of the Board and Technical Director of HVEC, had been working on the application of high voltage X-Rays produced by the Van De Graaf generator to deep tumor therapy since 1936 and had continued his research during the war. Portability was obtained by pressurizing the insulating volume with nitrogen and carbon dioxide at four hundred pounds per square inch, thus permitting a two million volt potential to be built up in a small space. This was extremely difficult especially since the pressure within the accelerator tube had to be only one one-hundred-millionth of an atmosphere.

Major Companies Not Interested

Repeated efforts had been made to interest three major electrical companies in the manufacture of this vitally important equipment with no success. Consequently, it was necessary to form a brand new company to meet the demand of hospitals here and abroad for new high voltage X-Rays.

Dr. Trump was able to secure the services of Dr. Robinson as president of HVEC. During the war the two had worked together on British radar. The new company was seven months without funds during which time the nucleus of members worked without salaries.

HVEC Financed by NRDCs

Finally, on the last day of 1946, mainly through the influence of Dr. Karl Compton, the newly organized National Research and Develop-

Assembly Ball Planned For Walker Memorial On Friday, April 14

Colored floodlights and masses of

spring flowers will decorate Walker Memorial on Friday, April 14, for the Sixteenth Annual Assembly Ball. Student members of the Walker dining hall staff have promised more of the elegance and grace which have marked this formal for the last fifteen years. Ruby Newman's orchestra will provide the music.

Only staff members, former members, and a limited number of their friends will receive bids. Commencing at 10 p.m. and continuing until 3 a.m., the Ball will be highlighted by a receiving line, four short entertainment presentations, a midnight buffet supper, and the Assembly Promenade.

Receiving Line

In the receiving line will be: Dr. Avery A. Ashdown, Dean and Mrs. Everett M. Baker, Mr. and Mrs. Frank M. Baldwin, Mr. and Mrs. Albert W. Bridges, Mrs. William Carlisle, Sr., William H. Carlisle, Jr., Dr. and Mrs. Harold E. Edgerton, Professor and Mrs. Leicester F. Hamilton and Professor and Mrs. James R. Jack.

Also in the receiving line are Mr. and Mrs. Ralph T. Jope, Dean and Mrs. Thomas P. Pitre, Mr. and Mrs. Wallace M. Ross, Mr. and Mrs. B. Alden Thresher, and Mr. and Mrs. Joseph J. Snyder.

Assembly Ball Committee

Since last fall a twenty man committee, headed by Charles A. Lusher '50, has been planning the Ball. Other members of the committee are John F. Belford '51, Henry B. Boyles '50, John F. Clemons '52, Marvin H. Frank '51, Timothy L. Hanley '50, Franklin R. Kellogg '50, James D. Kolb '53, Victor G. Macres '53, Brian G. More '52, Peter J. Preston '51, Harry F. Raab '50, Eugene J. Rapperport '52, Samuel O. Raymond '50, Charles W. Renn '50, Robert C. Sims '51, Anthony J. Tabak '51, Herbert M. Teager '52, Owen P. Thomas '51, John T. Weaver '50, and Fred E. Werner, Jr.



Next time you buy a cherry sundae at Pritchett Lounge, inspect it carefully. One observing student has noticed (and we have confirmed) that those "cherries" are actually grapes. Sounds like a chapter out of "Nineteen Eighty-Four," doesn't it?

Say, is it just me, or is somebody else also getting a little tired of the Lonesome Gal's saccharine slush? I will admit the Gal has one of the sexiest voices in radio, but it's always handing out the same line. Honey with stale crumbs in it. Lonesome Gal, as the most exciting disk-jockey on the air, here's more power to you, but Honey, please change the record.

Echo of a Sound in the Night: We hope we haven't started an epidemic of door-unhinging with the report of that little incident a couple of weeks ago. Seems someone else got the urge to try his hand at it, and so it happened that a couple of innocent dorm residents, returning from Pritchett, turned their key in their lock, and, like our announcer, found their door uncoupled from its moorings. But this time, before anyone could even shout "Tim-ber!" the door toppled heavily inward and in the resulting crash, the molding along the entire length of the door was broken off. Frankly, we don't consider that much of a practical joke. Really, if you can't do something original, at least do it harmless.

Reminds us of an old Al Capp cartoon in which Lil' Abner, as a college student, no less, is being chucked over a cliff, a boulder tied to his neck, into a swirling river by a couple of thugs with freshman beanies. As he hits the water, Abner murmurs innocently, "Must be one of them hooverous college pranks! Oh, happy, carefree college days!"

Tech Show

(Continued from Page 1)

ing to the Managing Board. Anyone interested in hearing the recordings of music and comedy routines from Tech Show 1950 is invited to Morss Hall, Walker, at 7:30 p.m. this evening, April 4. The recordings played at Walker will soon be available on a single long-playing record. Orders for the 33-1/3 rpm discs may be placed with Miss Mary Burke in the Institute Committee office in Walker Memorial.

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Oarsmen Open Season April 22 Racing Against Harvard And BU

OARSMEN ON THE WATER



Photo by Astrachan

Tech Oarsmen have been churning the Charles River waters since the ice left about a month ago in preparation for their first meet against Harvard and Boston University April 22.

Coach MacMillan says that he has an excellent squad and is looking forward to a very successful season. From his large squad Coach

MacMillan has picked what promises to be the varsity boat, consisting of four men from last year's excellent Freshmen boat, three Juniors and one lone Senior: Captain Bob Weber.

Freshman Coach Chuck Jackson also has a turnout but the Freshmen cannot be fully evaluated until after their first race.

IF IT'S "ARROW" WE HAVE IT!

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Beaver Nine Scores One Victory, One Tie in 5-Game Southern Trip

Riflemen Edged In N.E. Voelker Breaks Record

Haggerty Finishes Shining Collegiate Wrestling Career

By BOB FERRAN
and MARSHALL PAYN

The closing of the wrestling season brought to an end the collegiate career of Wilbert Haggerty, one of the greatest wrestlers in Tech's history. As a member of the varsity team for four years, and as this year's captain, Will has done much to promote wrestling at M.I.T.

Wrestling for the varsity in his freshman year, Will had a successful season and went on to take second place in the New England Championships. During his four years of varsity wrestling he won fourteen out of twenty-four matches and took two seconds and a third in the New England Championships.

Will hails from Zachary, Louisiana, but has been going to school in the North for the past eight years.

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Fencing Team Takes Thirteenth Place In Field Of Thirty Three

The M.I.T. fencing team fought its way to a thirteenth-place spot in a field of thirty-three entries in the National Intercollegiate Fencing Championships at Detroit. Epeeman Charlie Kurz, saberman John Lowry, and foilman Tony Mirti, the three competitors at the meet, made up a well balanced team. The squad threatened to be the black horse of the meet as at the midpoint of the contest the Techmen were in seventh place, only a few victories out of first. However, in the second day of fencing the long grind and several minor injuries took their toll, and the Beaver fencers dropped several notches.

Bishop (Continued from Page 1)
best men are desired in class organization. The consequences of such an opinion can easily lead to a class organization that boasts a heavy majority of men from one living group having partisan ideas. Our party believes that: first, a phase of class organization should have delegated a fair number of men from all living groups to it and second, that the best men from these respective groups be selected to lead and organize. In this manner the danger of a student government clique is eliminated.

The candidates on the slate of the New Life Party have not had the experience others have had. This fact does not mean we are not capable. It does not mean we can't benefit from the results of past action. From lack of actual control we doubtless missed some ideas of what and how to do; by the same token we learned a lot of things not to do. We will by no means strive to run things alone. We intend, if elected, to solicit the cooperation of all other candidates in making our service year a successful one.

We believe that college student government need not be steeped with politics. Why is politics bad? It is bad because politics lends itself towards balancing one interest against the other in an attempt to keep everybody happy. If a truly non-partisan government is set up all interests are represented and on the basis of this solutions and decisions may be formed in the light of the general good, not the segregated good.

THOS. B. BISHOP

While the school was out for the spring recess, the varsity riflemen were busily adding more laurels to their already impressive record. Last Saturday the same five men represented M.I.T. in the mid-New England sectional tournament of the National Intercollegiate, and set a new five-man team record.

The Beavers first triumph came when they captured the New York Metropolitan Rifle League's Fourth Annual Invitation Match at C.C.N.Y. The Engineer five fired a 1403 to top the field of 36 teams, defeating their nearest competitors, George Washington, by five points, and handling losses to Army, Navy, Norwich, Maryland, and N.Y.U. The match made the M.I.T. riflemen the logical choice for the national champions, since the only contender aside from Western teams who did not fire in the New York match, the U. S. Coast Guard Academy, had been defeated by the Engineers a week earlier. The University of Maryland team held the 1949 national championship.

Notable among the Tech scores in the New York match was that of Dud Hartung, who, after firing poor prone and kneeling scores, came through with a new team record of 96 standing.

The mid-New England Sectional Tournament, fired at M.I.T. this year, saw the team competition center on M.I.T. and Coast Guard. The sailors proved to be Tech's undoing,

(Continued on Page 4)

SAE's Take Swimming Championship; Phi Gams Second In Intramurals

Sigma Alpha Epsilon took their second intramural championship of the year when they won Tech's intramural swimming meet held in Alumni Pool Wednesday night, March 22nd. The S.A.E.'s raced through two grueling hours to take three first-places, score in every event, and pile up 36 points, to win

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Burns

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dates for the coming election are included.)

(Romano missed no meetings during his service as Chairman of Publicity Comm.)

We firmly believe that this Class can enjoy UNITY only through the efforts of its officers to work toward that end. We know that this can be done only through the full cooperation and attendance of all officers in both the planning and execution stages of the business of the Class.

The platform of the '51 Beavers is based on the full utilization of past experience and the philosophy that every '51er is needed to make the '51 record at M.I.T. Through the selection of an Executive Committee that includes members of all living groups, the administration of the class can face squarely the issues that must be met during the coming year. It must be remembered that there has been in the past, there is at the present, and there shall continue to be in the future, a job for every member of the Class of 1951 who wishes to work on the affairs of the Class.

Above all—Gerry Burns, Walt Casey, Ralph Romano, and Stan Marcewicz pledge themselves to continue to serve the Class of 1951 to the best of their abilities.

It is on the basis of continued service that the '51 Beavers earnestly and sincerely solicit your support.

Sincerely,
GERRY BURNS

Pitching Effective Philliou Hits .500 Team Looks Good

Technology's baseball squad swung through the South on a conditioning trip last week, and although they failed to compile an impressive record the Beavers collected much valuable experience in their five games against some of the best teams in the South-East.

The Beavers opened against the Southeastern Conference Champions, Washington and Lee, on Tuesday, March 28, dropping a hard-fought game by a score of 4-3. Starting pitcher Amos Dixon went all the way for Tech, scattering five hits and giving up only one earned run.

Following this defeat the Engineers moved on to V.P.I., an all-veteran team and the best aggregation the Beavers met throughout the trip. Warren Berg's protégés lost this tussle by a score of only 1-0. Cliff Rounds, a 30-mile gale making his fast ball even faster, allowed only three hits throughout the seven innings played.

The Engineers invaded the nation's capital on Thursday for a game with American University, a

(Continued on Page 4)

Beaver Sailors Sink Brown In Dual Meet On Charles, 257-166

Sailing under a heavy wind with fine weather, M.I.T. defeated Brown in a dual regatta Sunday by a score of 257 to 166. Skipper R. P. Smith of Brown took top honors with 60 out of 63 possible points. Following Smith was Foster, also of Brown with 56 points. Top Techmen of the day were co-skippers John Lawson and John Hansen and skipper Bob Nickerson, who tied for third place.

Brown's chances were seriously hurt early in the meet when their skipper "Knowles" capsized in the heavy wind as he was rounding the leeward turn. That put one Brown skiff out of the running and gave Technology an edge over the Brownmen.

Wasserman

(Continued from Page 1)

administration of Class affairs. 2. The Social Committee to consist of ten men, of which, besides the Chairman, three shall represent each of the living groups (all elected by the Council) to make for equitable representation in planning of social events so that the views of all groups may be aired in order to eliminate financial losses on these functions.

C. Reorganization of the Executive Committee of the Class to consist of the five officers of the Class, the two standing committee chairmen and two members-at-large elected out of the Council by the Council at the beginning of each semester, to aid in accomplishing the purpose of integrating the Council into the Class administration.

II. Effective execution of a sensible Social Calendar organized by the Social Committee with the support of the Publicity Committee, the Executive Committee, and the Council.

A. Planning three informal events during the year in addition to Senior Week to fall, possibly on Columbus Day, Washington's Birthday, and Patriot's Day.

B. Insuring success by taking into account the views of all groups in the Class and vigorously avoiding conflicts with other social events.

C. Offering full support and aid to the Senior Week Committee to help make their final week as MIT undergraduates as enjoyable a memory as possible.

III. Provision for experienced non-partisan leadership in the coordination of activity affairs (the President of the Senior Class serving ex-officio as President of Institute Committee) in the person of Art Wasserman, retiring General Manager of Tech Show and President of '51 in the Sophomore year; as well as provision for experienced and able addition to the body of Inst. Comm. itself, in the persons of Les Preston and Tom Weil, the candidates for Institute Committee Representatives.

IV. Provision for very able leadership in the conduct of Class affairs in the person of Walter "Mike" Johnson, vice-presidential candidate (one of the valuable members of MIT's baseball team) and for next, efficient keeping of the class financial books, minutes, etc., in the hands of Margaret Irby, who has been maintaining a vital interest in class affairs, representing Course XX in the Class Council and taking part in the execution of several Class Social functions.

That "A House Divided Cannot Stand" is as true for the Class of 1951 as it is for any society. Vote to strengthen '51 by giving it the All-Tech stimulant of equitable representation.

Promotions For Faculty Revealed By Pres. Killian

Promotions of Institute faculty members, effective July 1st, were announced today by Dr. James R. Killian, Jr., President. Promoted to the rank of full professor are Dr. William P. Allis, department of physics; Dr. Eugene W. Boehne and Professor Jerome E. Wiesner of the department of electrical engineering; and Dr. Albert G. H. Dietz, department of building engineering and construction.

Also advanced to full professorship are Dr. Carl F. Floe, department of metallurgy; Professor Harold A. Freeman, department of economics and social science; Dr. Raphael Salem, department of mathematics; and Dr. Clair N. Sawyer, department of civil and sanitary engineering.

New Associate Professors

Assistant professors who are promoted to the rank of associate professor are Dr. Warren Ambrose and Dr. Francis B. Hildebrand of the department of mathematics; Professor John E. Arnold and Professor Ernest P. Neumann of the department of mechanical engineering; Dr. Duncan S. Ballantine, department of English and history; and Professor Robert L. Bishop, department of economics and social science.

Other new associate professors are Dr. Robert J. Hansen and Professor Myle J. Holley, Jr., of the department of civil and sanitary engineering; Dr. David N. Hume and Dr. John D. Roberts of the department of chemistry; and Professor Burnham Kelly, department of city and regional planning and director of the Bemis Foundation. In addition to his promotion to the rank of associate professor, Dr. George B. Thomas, Jr., has been named executive officer of the department of mathematics.

Assistant Professors

Promoted from instructor to assistant professor are Dr. Richard B. Adler and Alexander Kusko of the department of electrical engineering; John L. Bastian, E. Neal Hartley and Dr. C. Conrad Wright of the department of English and history; Donald R. F. Harleman, department of civil and sanitary engineering; and Arthur E. Johnson, section of graphics.

Instructors Dr. John C. Johnson, department of meteorology; Sidney Lees, department of aeronautical engineering; George L. Nelson, James B. Reswick, Morton S. Silberstein, David I. Sinizer and Charles O. Smith of the department of mechanical engineering; Dr. James A. Polychrome, department of building engineering and construction; William E. Ritchie, department of business and engineering administration; and Dr. Henry Sherman, department of food technology, will also become assistant professors in July.

Air Force Cadets Have Been Selected For Regular Service

Eight Institute Air Force Cadets have been selected for appointment as Second Lieutenants in the Regular Air Force, the United States Air Force has announced. During the early part of this month the names of those cadets expressing the intention of accepting a Regular Air Force commission will be recommended to President Truman and the United States Senate for approval. After Senate confirmation, final acceptance will be contingent upon graduation.

Those cadets who accept regular appointments will commence their duties as Second Lieutenants shortly after graduation. Those who decline regular appointments will become Second Lieutenants in the Air Force Reserve.

In the First Air Force Area (New England, New York and New Jersey) a total of thirty-one cadets, who had been previously designated as Distinguished Military Students by their respective Professors of Air Science and Tactics, have been notified of their selection.

Seniors who have been selected from the Institute are: Mark H. Baxter, Course XV; Robert D. Eccles, Course II; Gerald A. Ferguson, Jr., Course VI; Roy E. Hale, Jr., Course XVI; Beverly J. Kirkwood, Graduate Student; Will F. Nicholson, Jr., Course XV; Edward L. Perkins, Course X, and Vinson R. Simpson, Jr., Course X.

Haggerty

(Continued from Page 3)

Will's extracurricular activities include membership in the Kappa Kappa Sigma chemical fraternity, The Catholic Club, The M.I.T.A.A., The A.I.C.H.E., and the advanced R.O.T.C. Among his various hobbies, photography, hunting and fishing are foremost with beer guzzling running close behind.

Eta Kappa

(Continued from Page 1)

George A. Fedde, Willard B. Ferguson, Abraham Katz, Constantine J. Lahanas, Charles J. Lucy, Arch C. Luther, Paul J. Mailhot, Robert F. O'Connell, Claude J. Pasquier, S. Vito Piccirillo, Edward C. Smith, Louis Stark and Russell S. Stott.

Two Graduate students were elected. They are George Jernakoff and Howard T. MacFarland. Juniors elected were Edward Arthurs, Roger H. Baumann, Jerome I. Elkind, Philip Fire, Walter C. Kinzinger, Charles E. Lenz, Raymond L. Madsen, William R. Miller, Robert J. Pfaff, Gerald L. Robinson, Robert C. Sims, Paul G. Smith and Thomas A. Weil.

Founded in 1904, Eta Kappa Nu now boasts over sixteen thousand members in forty-eight college chapters. The activities of the M.I.T. chapter have been directed toward the improvement of student-faculty relationships through student-faculty luncheons and beer parties and an instructor rating program.

BRANDEIS UNIVERSITY INSTITUTE OF ADULT EDUCATION

Modern Literature
Tuesday evenings, 8:15
April 11—May 16
James T. Farrell—
"Theodore Dreiser"
Oscar Williams—
"Poetry and Reality"
Ludwig Lewisohn—"Thomas Mann"
Dylan Thomas—Poetry Readings
Justin O'Brien—"Andre Gide"
Milton Hindus—"Marcel Proust"

Contemporary Music
Wednesday evenings, 8:15
April 12—May 17
Roy Harris—
(Topic to be announced)
William Schuman—
"The American Composer"
Rene Leibowitz—
"Shoenberg, Berg, and Weber"
Aaron Copland—"Film Music"
Lukas Foss—
(Topic to be announced)
Marc Blitzstein—
"The New Lyric Theater"

Problems of American Civilization
Thursday evenings, 8:15
April 13—May 18
Lecturer: Max Lerner

Social Theory of Revolution
Monday evenings, 8:15
April 10—May 15
Lecturer: Albert Salomon

New Viewpoints on the Old Testament
Tuesday evenings, 8:15
April 11—May 16
Lecturer: Shlomo Marenof

Registration may be made by writing the Institute of Adult Education, Brandeis University, Waltham, Mass. Fee for one course of six lectures is \$6; a limited number of tickets to individual lectures will be available at \$1.25. All courses will be held on the Brandeis University campus.

Baseball

(Continued from Page 3)

wild affair which culminated in a 5-5 tie. Wade Greer started for the Beavers, but Hogan relieved in the sixth with the score 4-3 in favor of the opposition, American U. Sophomore Ron Thompson then shot Tech in front 5-4 with a two-run double, but the Eagles tied it up, scoring on a balk by Hogan.

The next day the Beavers absorbed their worst defeat of the trip, in spite of a sparkling two-hitter by Dixon, who came back with only two days' rest. George Washington pulled out a 4-1 verdict, as a result of six Tech errors.

The Engineers salvaged one win when they played Upsala at West Orange, New Jersey, on Saturday, overcoming numerous handicaps to beat the Jerseyites 8-7. Due to transportation difficulties most of the Beaver squad failed to arrive on time for the game and only five regulars were on hand to take the field for the 1st inning. The Beavers opened the game with left-handed first baseman Warren Fenster on the mound, pitching right-handed. He gave up no hits and one run in the first five innings,

after which he was relieved by Rounds. Upsala then began to hit and Fenster's grand slam home run was the only thing which enabled the Beavers to pull the game out of the fire.

The trip was, on the whole, very encouraging. Pete Philliou, Beaver right fielder, pounded the ball for a phenomenal .500 percentage, getting 7 for 14, with four doubles. At this point the team looks like this: Pitching excellent; catching and outfield steady; infield good, and hitting fair.

Rifle

(Continued from Page 3)

though, when they fired nine points above their highest five- or ten-man team score of the year, shooting 1410 to the Beavers' record score of 1408.

It was an amazing victory for the Coast Guard team, as their highest score of the season had been 1401, fired by a ten-man team.

Herb Voelcker, high man for Tech during the regular season and in the team event, fired 100 prone, 98 kneeling, and 95 standing for a 293 in the individual event, breaking the all-time national collegiate record of 290-300.

Swimming

(Continued from Page 3)

out over the other eight teams which entered.

Alpha Tau Omega took an early lead with Kerwin's victory in the 50-yard freestyle, a victory won by inches over John Bent of D.U. Dana of S.A.E. then won the backstroke by a length over Downie of Theta Chi and Bill Pinkham of Phi Gamma Delta.

Jim Hodges of the New Dorms then out-butterflied the rest of the field and finished a split second ahead of S.A.E.'s two entries, Kahl and Hohorst in the breast stroke. The Sig Alph's struck right back after intermission, however, as their 200-yard freestyle relay team of Stringham, Kennedy, Chalko and Mueser edged out the Phi Gam squad of Abbott, Banks, Mast and Vickers by inches to win this important event. The S.A.E. boys then went on to win the medley relay by eight lengths.

The judges and timers were members of the varsity and freshman swimming teams and Coach Smith's staff. Coach Smith and Assistant Coach James ran the meet off with clocklike regularity.



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